

Converting Colors

Hex(78B87B)

Have a look what the booklet for
Hex(78B87B) contains.

Hex(78B87B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(78B87B)

Conversions

Conversions Part 1

Format	Color
Hex	78B87B
RGB	120, 184, 123
RGB Percent	47%, 72%, 48%
CMY	0.5294, 0.2784, 0.5176
CMYK	0.35, 0.00, 0.33, 0.28
HSL	123°, 31%, 60%
HSV	123°, 35%, 72%
XYZ	28.4614, 39.7041, 24.9025
YIQ	157.9100, -18.5630, -32.5390

Conversions

Conversions Part 2

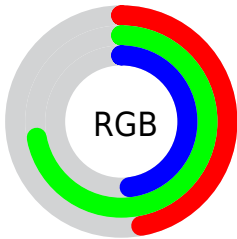
Format	Color
RYB	120, 181, 184
Decimal	7911547
CIELab	69.26, -32.98, 24.69
CIELCh	69, 41.199, 143.184
Yxy	39.7041, 0.3058, 0.4266
Android (android.graphics.Color)	4286101627 (0xFF78B87B)
YUV	157.9100, -17.2106, -33.2471
Hunter-Lab	63.0112, -29.6434, 20.6760

Details

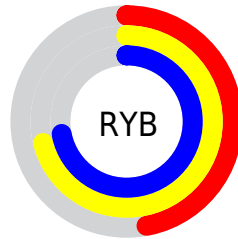
The Hex color **78B87B** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B878B5**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **AEF0B0**, and **44824A** is the 20% darker color. If you saturate the color by 10%, you get **66B869**, and if you desaturate by 10%, it is **8AB88D**.

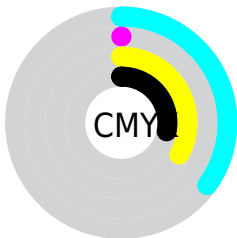
Distribution



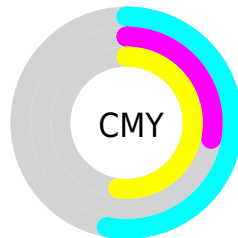
- Red (47%)
- Green (72%)
- Blue (48%)



- Red (47%)
- Yellow (71%)
- Blue (72%)



- Cyan (35%)
- Magenta (0%)
- Yellow (33%)
- Black (28%)



- Cyan (53%)
- Magenta (28%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B87B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 78B87B by changing the saturation by 10% instead.

 78B87B

 78B87B

FFFFFF

 5E9D62

 AEF0B0

 44824A

 CAFFCB

 2A6932

 E7FFE8

 0B501C

 003904

 002400

 000000

 78B87B

 78B87B

 66B869

 8AB88D

 53B858

 9DB89E

 41B846

 AFB8B0

 2EB835

 C2B8C1

 1CB823

 D4B8D3

 0AB812

 E6B8E4

 00B809

 F9B8F6

 FFB8FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4B063



78B87B



41BC9F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78B87B



5FAFF3



F18D8E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78B87B



B878B5

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EB8CB3



78B87B



A0A3EE

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78B87B



00B8E4



D095D6



E4976F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78B87B



00BDB9



D095D6



F18C9A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78B87B



D8F0D9



B6B878



69786A



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78B87B



8BF090



78B89A



535C53



009C07



001C01

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B878B5



F08BEB



B87896



5C535B



9C0094



1C001B

Previews

White Background



This preview shows how the Hex color 78B87B looks on a white background.

Color Contrast Check

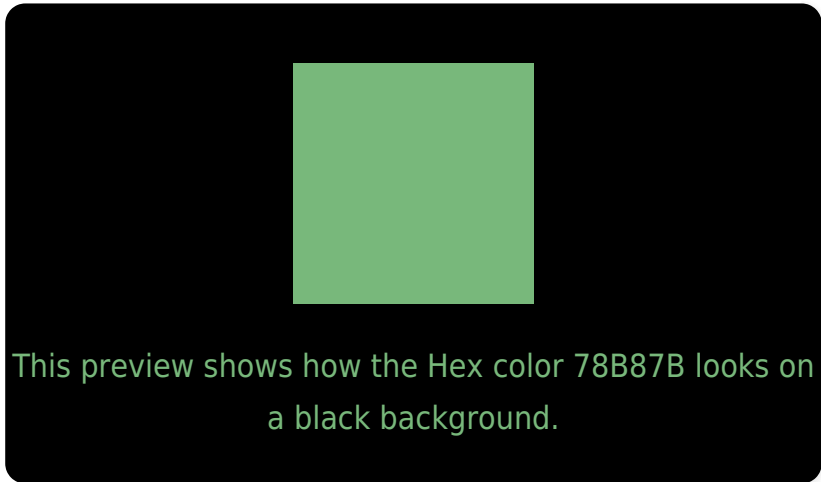
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

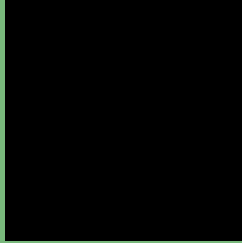
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 78B87B Background



This preview shows how black text looks on a background with the Hex color 78B87B.



This preview shows how white text looks on a background with the Hex color 78B87B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

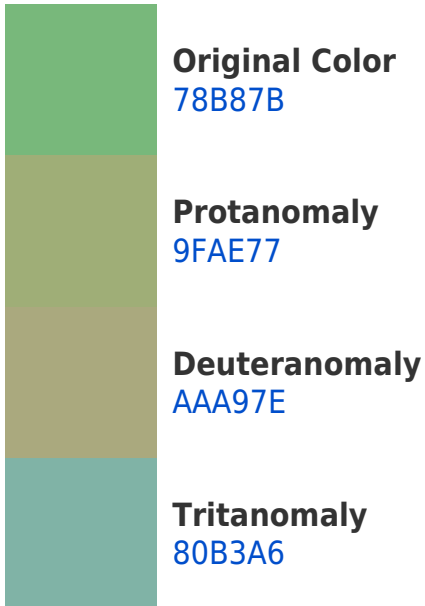
Dichromacy



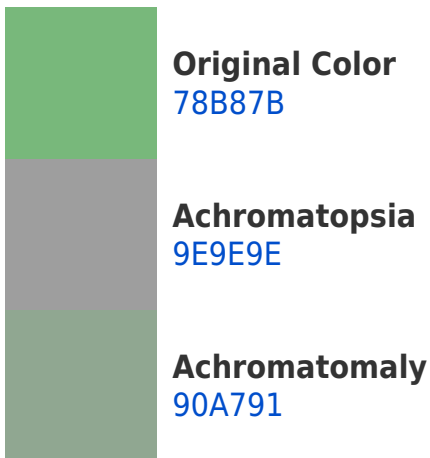


Tritanopia
85B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B87B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #78B87B looks like.

```
.text, #text, p{  
    color:#78B87B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #78B87B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B87B
}
```

Border

The CSS property to change the border of an element to Hex 78B87B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78B87B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#78B87B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #78B87B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B87B; -webkit-box-shadow:4px 4px  
4px 4px #78B87B; box-shadow:4px 4px 4px  
4px #78B87B }
```

Background

The CSS property to change the background color of an element to Hex 78B87B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B87B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#78B87B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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